

IN THE SPECIFICATION

Please amend paragraph [0013] as follows:

[0013] The method also includes measuring the current and voltage during constant current, constant voltage charging by measuring the battery voltage, adding a predetermined voltage to the measured battery voltage to set a constant voltage charging value, starting the charging, measuring a time at which the set constant voltage charging value is reached, measuring the charge current a plurality of times at fixed time intervals, and terminating the charging.

Please amend paragraph [0042] as follows:

[0042] The method also comprises measuring the ~~battery~~ voltage and current during discharge in a constant current discharge circuit by measuring the battery voltage, and then, after discharge starts, measuring the battery voltage a plurality of times at fixed time intervals while simultaneously measuring the discharge current a plurality of times at fixed time intervals. Then, after stopping the discharge, the battery voltage is measured a plurality of times at fixed time intervals.